Fig 1 (1)

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481	tga	aago	taa	a	aatg	aac	caq	ct	tgt	aaa	cqt	taa	itg	att	ct	tca	gc	tgo	aa	aaa	atq	atga	ì
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Fig 1 (2)

661	σa	tσa	act	tc	toga	aao	cta	caa	aot	ctaa	ta	cac	aaa	ta	actt	ata	atq	att	tco	aaaa		
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1261 tgatcaatgg aaagctacta acaaaggtgc cgataatatt gcaatgcgtg atgctcatgt 398 y d q w k a t n k g a d n i a m r d a h

Fig 1 (3)

1321 aattgaagat ggtaatggtg atcggtacct tgtttttgaa gcaagtactg gtttggaaaa 418 vied gng dry 1 v fe ast gle 1381 ttatcaaggc gaggaccaaa tttataactg gttaaattat ggcggagatg acgcatttaa 438 ny qg ed q i y n w 1 ny g g d d a f 1441 tatcaagagc ttatttagaa ttctttccaa tgatgatatt aagagtcggg caacttgggc 458 niks lfrils nddi ksratw 1501 taatgcagct atcggtatcc tcaaactaaa taaggacgaa aagaatccta aggtggcaga 478 anaa igi 1 k 1 n k d e k n p k v a 1561 gttatactca ccattaattt ctgcaccaat ggtaagcgat gaaattgagc gaccaaatgt 498 elys pli sap m v s d e i e r p n 1621 agttaaatta ggtaataaat attacttatt tgccgctacc cgtttaaatc gaggaagtaa 518 v v k l g n k y y l f a a t r l n r g s 1681 tgatgatget tggatgaatg ctaattatgc cgttggtgat aatgttgcaa tggtcggata 538 ndda w m n any av g d n v a m v g 1741 tgttgctgat agtctaactg gatcttataa gccattaaat gattctggag tagtcttgac 558 y v a d s 1 t g s y k p l n d s q v v l 1801 tgcttctgtt cctgcaaact ggcggacagc aacttattca tattatgctq tccccqttqc 578 tas v pan wrtatys y y a v p v 1861 cggaaaagat gaccaagtat tagttacttc atatatgact aatagaaatg gagtagcggg - 598 agkd dqv lvt symtnrn gva

1921 taaaggaatg gattcaactt gggcaccgag tttcttacta caaattaacc cggataacac 12ftfi <

618 g k g m d s t wap s f l l q i n p d n

Fig 1 (4)

1981	aa	cta	ctg	tt	ttag	cta	aaa	tga	cta	atca	ag	9 99	att	gg	attt	ggg	atg	att	caa	gcga
638								M												
2041	aa	atc	ttg	at	atga	ttg	gtg	att	tag	actc	cg	ctg	ctt	ta	cctg	gcg	aac	gtg	ata	aacc
658	е	n	1	đ	M	i	g	d	1	đ	S	а	a	1	р	g	е	r	d	k
2101	tg	ttg	att	gg	gact	taa	ttg	gtt	atg	gatt	aa	aac	cgc	at	gato	ctg	cta	cac	caa	atga
678	_	_																		
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2221	-		_															-		
718	k	t	p	е	n	р	9_	_t_	<u>p</u> _	q	t	р	n	<u> </u>	р	n	t	_p_	е	1_
2281 738					-	-		_									-	-		
2341	tg	gaa	ata	at	gcca	ata	aag	cca	tgai	ttgg	CC	tag	gta	tg	ggaa	cat	tgc	tta	gta	tg t t
758	-	-															-		_	_
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2461	gc	ctt	aaa	tt	cagc	ttaa	acg	gtti	ttt	att	tta	aaa	agt	tt	ttat	tgt	aaa	aaa	gcga	aatt
2521	ati	cati	taa	ta	ctaai	gca	aat	tgti	gta	aga	cci	ta	cga	ca	gtag	taa	caa	tgaa	atti	gcc
2581	cal	cti	ttg	tc	gg															

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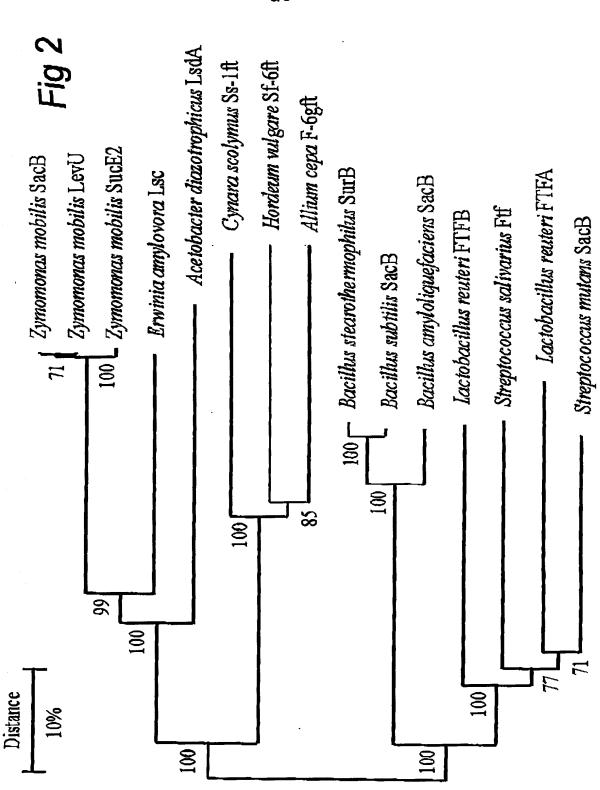


Fig 3

The N-terminal sequence of FTFB (levansucrase):
(A) Q V E S N N Y N G V A E V N T E R Q A N G Q I (G) (V) (D).

Internal peptide sequences of FTFB (levansucrase):

- (M) (A) H L D V W D S W P V Q D P (V),
- NAGSIFGT(K),
- V(E)(E) VYSPKVSTLMASDEVE.

Fig 4

SAF .			
B. amyloliquefaciens SacB	80	GLDVWDSWPLONAD 93	
B. subtilis SacB	82	GLDVWDSWPLONAD 95	
S. mutans SacB	243	DLDVWDSWPVODAK 256	
S. salivarius Ftf	282	KIDVWDSWPVQDAK 295	
		中"女"女孩女女女女女	•
6ftfi			
B. amyloliquefaciens SacB	156	QTQENSGSATFTSDGK	171
B. subtilis SacB	158	QTQEWSGSATFTSDGK	173
S. mutans SacB	312	LTOEWSGSATVNEDGS	327
S. salivarius Ftf	351	DDQQWSGSATVNSDGS	366
		女女 农业女女女女	
12ftíi			
B. amyloliquefaciens SacB	440	Kategpsflmn	450
B. subtilis SacB	440	OSTFAPSFLLN	450
S. mutans SacB	609	NSTWAPSFLIQ	619
S. salivarius Fif	655	KSTWAPSFLIK	665
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